

Applicant is submitting herewith a substitute FIG. 1 that more accurately depicts the method. Support for the amended FIG. 1 appears on page 4, lines 2- 20. No new matter is presented by the foregoing amendments.

IN THE SPECIFICATION

Please replace the following paragraphs of the specification. Applicant includes herewith an Attachment for Specification Amendments showing a marked up version of each replacement paragraph.

Please replace the paragraph that begins on page 4, line 21 with the following paragraph:

Turning now to FIG. 2, one approach to the above method is shown. Specifically, it can be seen that a preferred motor control system 20 has a voltage source 30 and an inverter 40. The voltage source 30 (V_{bus}) provides a DC bus current, that is used by a motor 22 to operate an attached load (not shown). The inverter 40 has a phase switching circuit 42 for regulating the DC bus current to a fixed level. The switching circuit 42 forces consecutive phases of the motor to share the bus current at commutation. Specifically, the preferred switching circuit has a plurality of transistors Q1 through Q6 coupled to the motor 22 and the voltage source 30. A control module 46a, 46b, and 46c (collectively referred to as 46) is coupled to the transistors and can be implemented by any number of hardware/software techniques currently known in the art. For example, the control module 46 may be a microprocessor programmed to execute the required steps discussed herein.
